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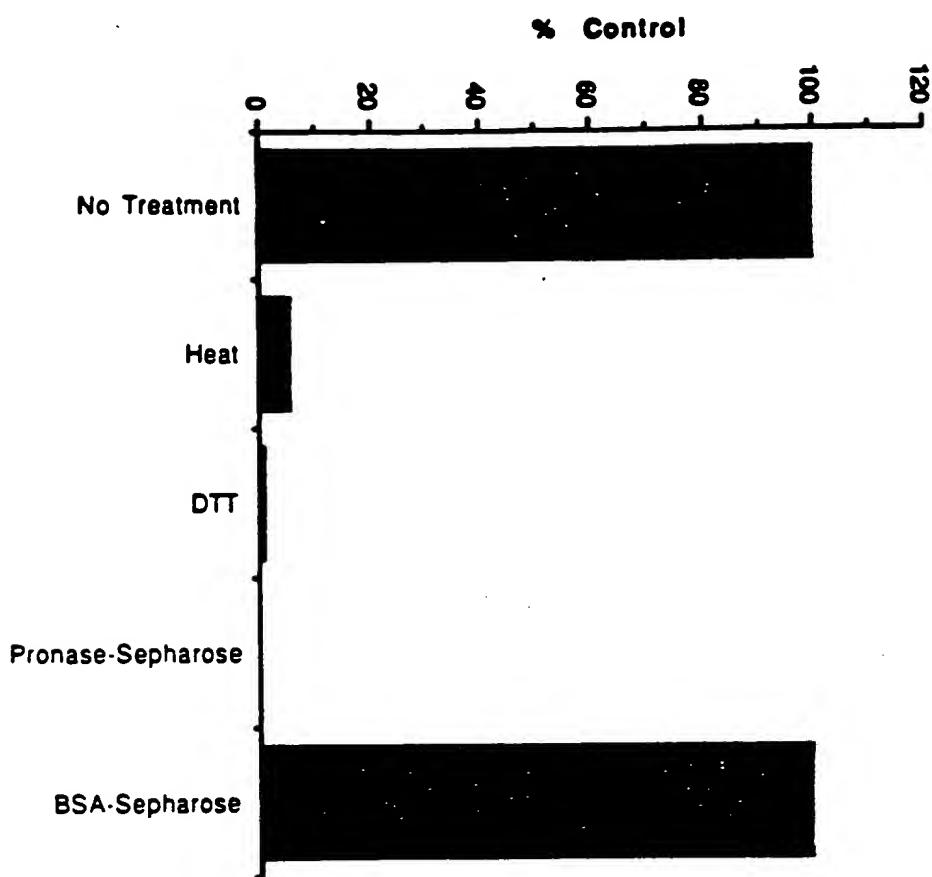


Figure 1

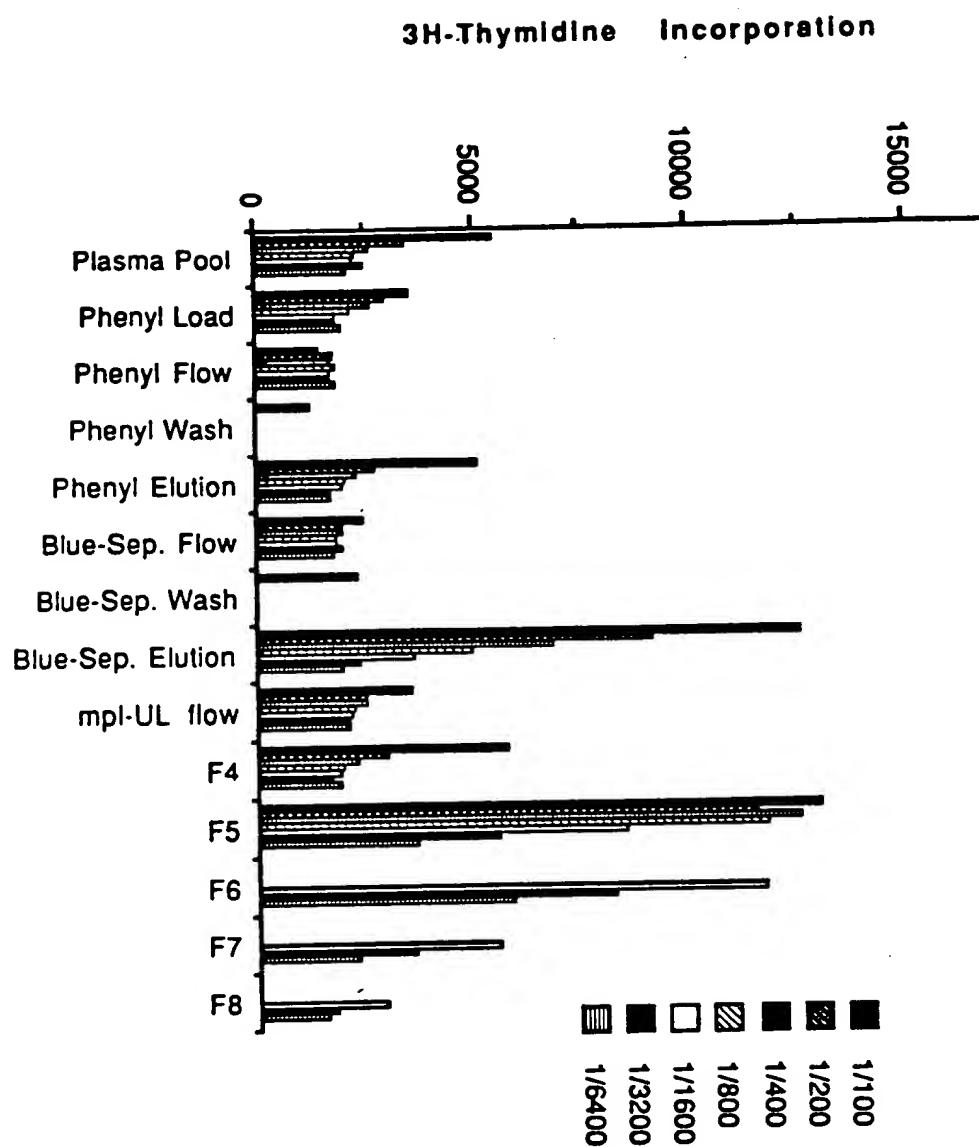


Figure 2

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Figure 3

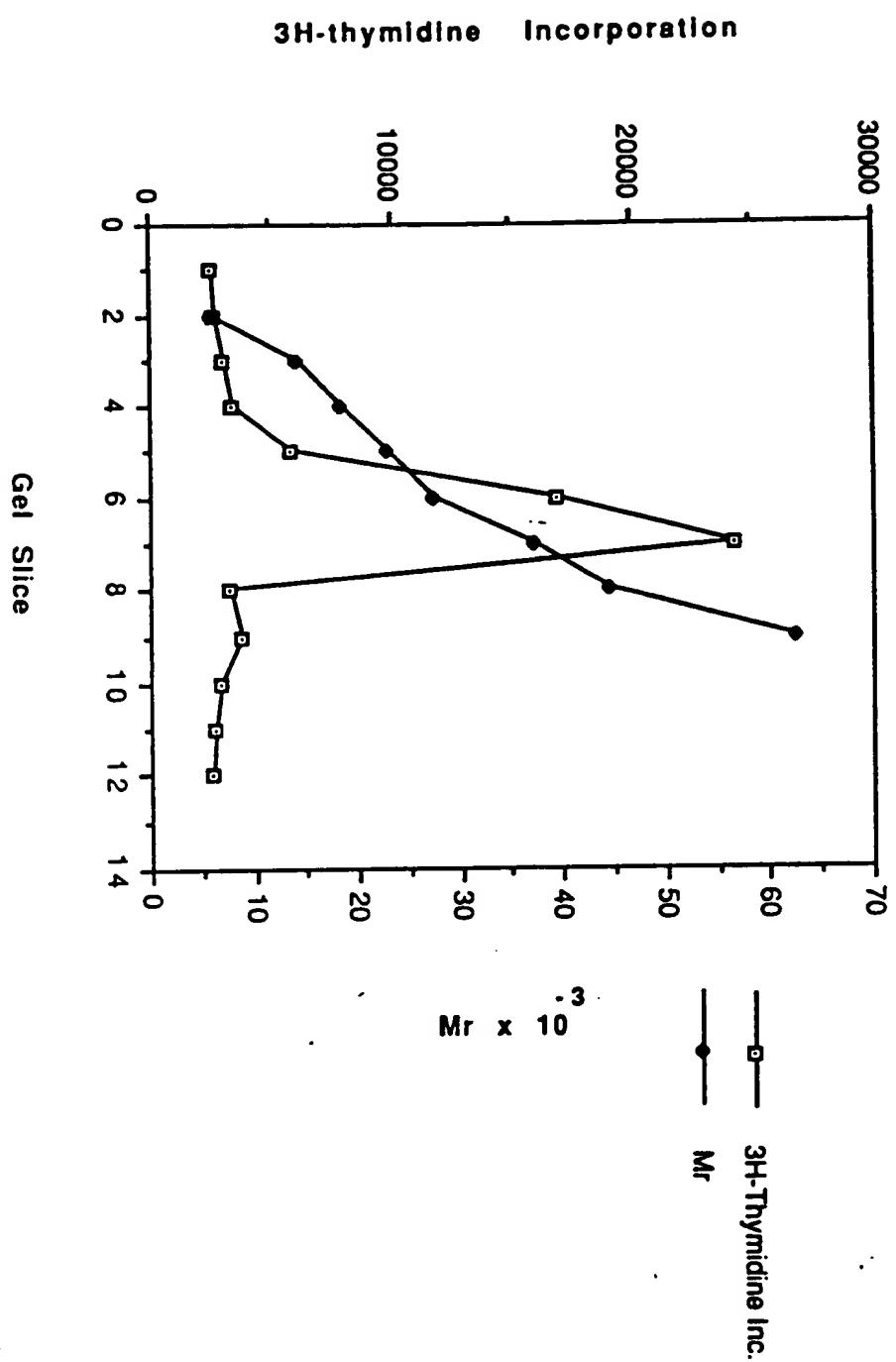


Figure 4

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**Effect of mpl-ligand depleted APP
on human megakaryopoiesis**

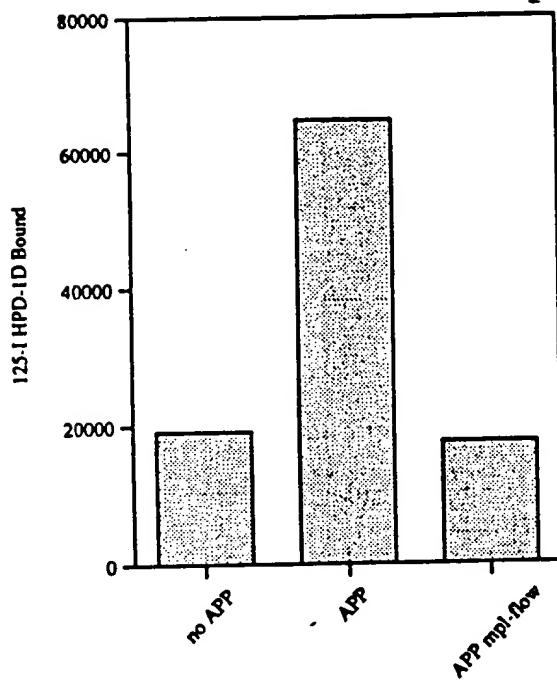


Figure 5

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125I-HP1-1D Bound

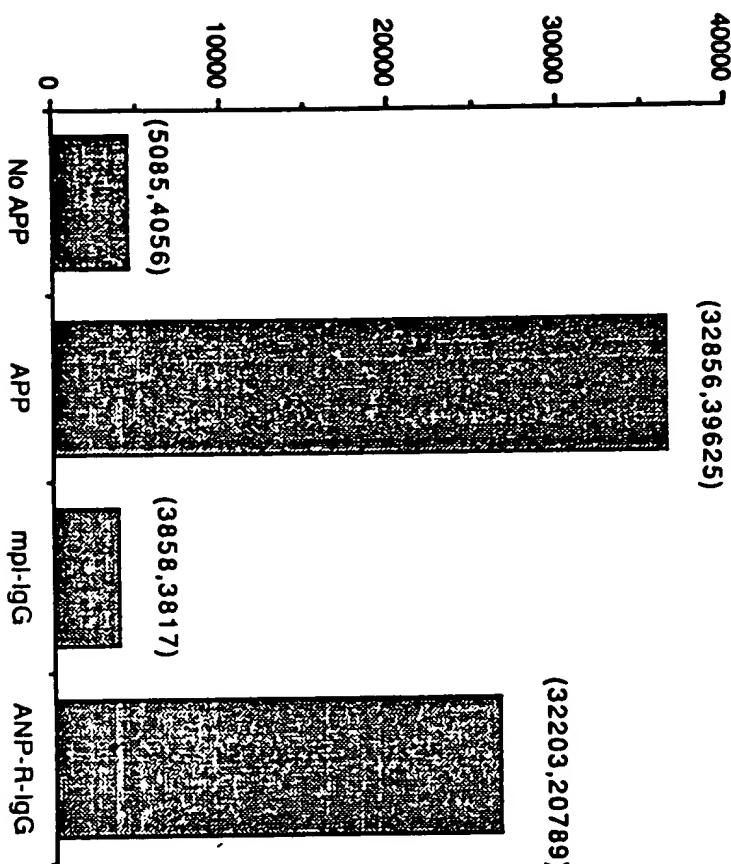


Figure 6

1 GAACTCCCTGG AATAACCGCT GACAATGATT TCCCTCCCTCAT CTTTCAACCT CACCTCTCCT CATCTAAGAA TTGCTCTCG TGTCATGCT TCTCTTAACCT
 CTTAAGGACC TTATGGTGA CTGTACTAA AGGGAGCTA GAAAGTGGGA GTGGAGGAGA GTAGATCTT AACGAGGAGC ACCAGTACGA AGAGGATTGA
 ↓
 A R L T L S S P A P P A C D L R V L S K L L R D S H V L H S R L
 101 GCAAGGCTTA CGCTCTCAG CCCGGCTCCT CCTGGTGTG ACCTCCGACT CCTCAGTAA CCTCTTCCTG ACTCCCCATG CCTTCACAGC AGACTGGTCA
 CGTTCCGATT GGCACAGGTC GGGCGAGGA GGACGAACAC TGAGTCATT GACGAAGGAC TGAGGTACA GCAAGTGTG TGTCGACCT
 201 GRACTCCCCA CATTATCCCC TTTATCCGG TAACTGGTAA GACACCCATA CTCCCAGGAA GACACCATCA CTTCCCTTA CTCCTGACC CAATGACTAT
 CTTGAGGGTT GTAAATGGGG AAATAGGCGC ATTGACCATT CTGTGGTT GAGGTGTTAGT GAAGGGAGTT GAGGAAGCTT GTTACTGATA
 301 TCTTCCCTATA TTGTCCCAC CTACTGATCA CACTCTCTGA CAAGAAATTAT TCTTCACAAAT ACAGCCGCCA TTAAACCT CTCGTCCTAGA
 AGAAAGGGTAT AACAGGGGTG GATGACTAGT GTGAGGAGCT GTTCCTTAAATA AGAAAGTGTTA TGTGGGGGT AATTTTCTGA GAGGAGATCT

Figure 7

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1 tcttccatccccatgtccccagaggcgtgcgtgcactgggtccggaccccttcacccggatagattccatccccggcccttg
 101 ccccacccatctgcccagaagtgcagaagccataggcgccatggcccaaggattcaggagaggccaaacaggagccacggccagca
 -20 MetGluLeuThrGluLeuLeuLeuValValMetLeuLeuLeuThrAlaArgLeuThrLeuSerSerProAlaProProAlaCysAsp
 201 gacaccggccagaATGGAGCTGACTGAATTGCTCTCGTCATGCTCTCTAACTGCAAGGTAACGCCAGTCCAGGCCGCTCCTGCTTG
 10 LeuArgValLeuSerLysLeuLeuArgAspSerHisValLeuHisSerArgLeuSerGlnCysProGluValHisProLeuProThrProValLeu
 20 Leu
 30 ACCTCCGAGTCCTCACTAACTGCTCGTCACTCCCAGTCCTCACAGCAGACTGAGCCAGTGCAGAGGTACCCCTTGCTACACCTGCTGCT
 50 ProAlaValAspPheSerLeuGlyGluTrpLysThrGlnMetGluGluThrLysAlaGlnAspIleLeuGlyAlaValThrLeuLeuGluGlyVal
 401 GCCTGCTGTGGACTTAGGGAGAATGGAAAACCCAGATGGAGGAGACCAAGGCACAGGACATTCTGGAGGACTGACCCCTCTGCTGGAGGAGTC
 80 MetAlaAlaArgGlyGlnLeuGlyProThrCysLeuSerSerLeuGlyGlnLeuSerGlyGlnValArgLeuLeuGlyAlaLeuGlnSerLeuLeu
 501 ATGGCAGCACGGGACAACACTGGGACCCACTGCCCTCATCCCTGGGGAGCTTCTGGACAGGTCCTCCCTGGGGCCCTGCAGAGCCTCC
 110 GlyThrGlnLeuProProGlnGlyArgThrThrAlaHisLysAspProAsnAlaIlePheLeuSerPheGlnHisLeuLeuArgGlyLysValArgPhe
 601 TTGGAACCCAGCTTCTCACAGGGCAGCACAGCTACAAGGATCCAATGCCATTTCTGAGCTTCAACACCTGCTCCAGGAAAGGTGCTT
 150 LeuMetLeuValGlyGlySerThrLeuCysValArgArgAlaProProThrThrAlaValProSerArgThrSerLeuValLeuThrLeuAsnGluLeu
 701 CCTGATGCTTAGGGAGGTCCACCCTCTGCTCAGGGGGCCCCACCCACAGCTGTCCCCAGCAGAACCTCTAGTCCTCACACTGAACGAGCTC
 180 ProAsnArgThrSerGlyLeuLeuGluThrAsnPheThrAlaSerAlaArgThrThrGlySerGlyLeuLeuLysTrpGlnGlnGlyPheArgAlaLysIle
 801 CAAACAGGACTTCTGGATTGGAGACAAACTTCACTGCCAGCAACTACTGGCTCTGGCTCTGAAGTGGCAGCAGGATTCAAGGCCAAGA
 210 ProGlyLeuLeuAsnGlnThrSerArgSerLeuAspGlnIleProGlyTyrLeuAsnArgIleHisGluLeuLeuAsnGlyThrArgGlyLeuPhePro
 901 TTCTGGCTGCTGAACCAAACCTCCAGGTCCCTGGACCAAATCCCCGATACTGAAAGGATAACACGAACTTGTGAATGAACTCGGACTCTTCC
 250 GlyProSerArgArgThrLeuGlyAlaProAspIleSerSerGlyThrSerAspThrGlySerLeuProProAsnLeuGlnProGlyTyrSerProSer
 1001 TGGACCCCTACGCAGGACCCCTAGGAGCCCCGGACATTTCTCAGAACATCAGACACAGGCTCCCTGCCACCCACCTCAGCCTGGATATTCTCCTCC
 280 ProThrHisProProThrGlyGlnTyrThrLeuPheProLeuProProThrLeuProThrProValValGlnLeuHisProLeuLeuProAspProSerAla
 1101 CCAACCCATCCCTCACTGGACAGTATCGCTCTCCACCCACCTTGCCCACCCCTGTGGCCAGCTCCACCCCTGCTTCTGACCCCTG
 310 ProThrProThrProThrSerProLeuLeuAsnThrSerTyrThrHisSerGlnAsnLeuSerGlnGluGly
 1201 CTCCAACGCCACCCCTACCAAGCCCTCTAAACACATCCACACCAACTCCAGAATCTGCTCAGGAAGGGTAaggttctcagacactgccgacatc
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 1701 cattctcagtggactctgatccatattcttaacagatcttactcttgcataatgaataagtttctcagaaaaaaaaaaaaaaaaaaaaaa

Figure 8

h-ML	1 S P A P P A [C] D I R V Y L S K L [C] R D S H Y L H S R L S Q [C] P E V H P [C] P I P V L L [P] A V D F S L G E
h-epo	1 A P P R L I C D S R V L E R Y L [L] E A K E A E N I T I G C A E H C S [L] N E N I T I V P D T K V N F Y A
h-ML	51 W K I T O M E E T K A D O D I L G A V I T L L E G V M A A R G O [C] G P T C L S - S [C] L G O L S G O V R
h-epo	51 W K R M E V G O Q A V E V W O G L A L L S E A V L R G O A L L V N S S O P W E P [C] L O L H V D K A V S
h-ML	99 L [C] - [C] G A L O S L [C] G I O - - L P P O G R T T A H K D P N A I F L S [F] O H [C] L R G K V R F L -
h-epo	101 G [C] R S L T T L R A L G A Q K E A I S P P D A A S A A P L R T I T A D T F R K L F R V Y S N F L R
h-ML	143 - - M L V G G S T L C V R R A P P T T A V P S R T S L V L T I N E L P N R T S G L L E T N F I A S A
h-epo	151 G K L K L Y T G E A C R T G D R
h-ML	191 R T I G S G L L K W O O G F R A K I P G L L N O I S R S L D O I P G Y L N R I H E L L N G I R G L F
h-ML	241 P G P S R R T L G A P D I S S G T S D T G S L P P N L Q P G Y S P S P T H P P T G O Y T L F P L P P
h-ML	291 T L P T P V V O L H P L L P D P S A P T P I P I S P L L W I S Y T H S O N L S O E G

Figure 9

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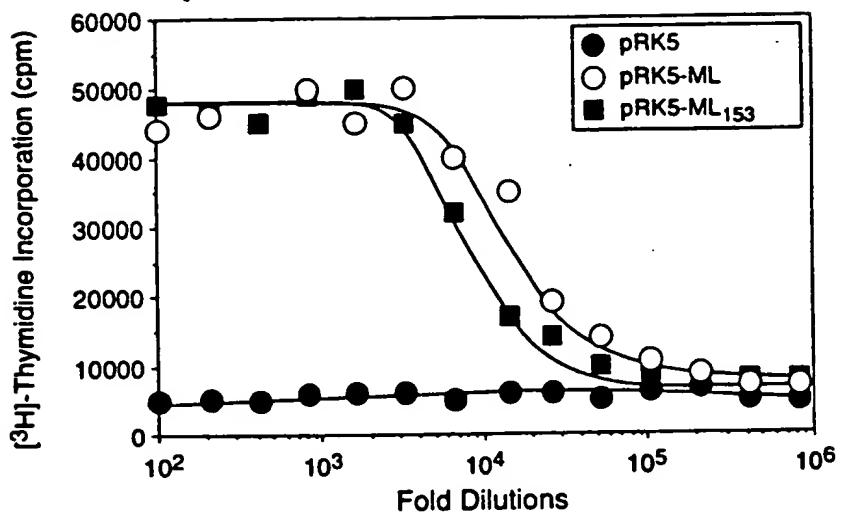
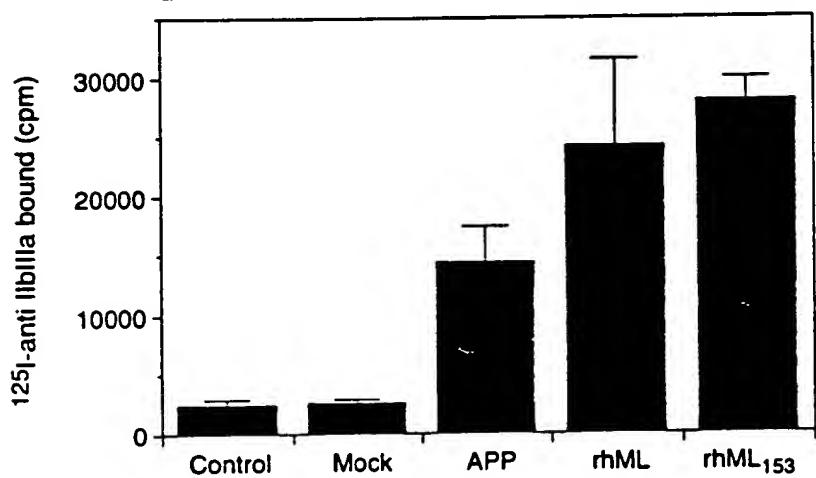
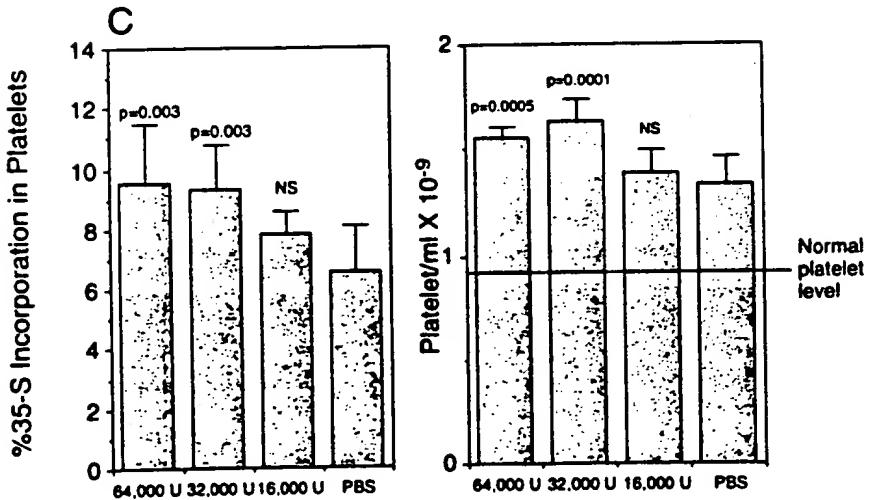
Figure 10

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hML	1	S P A P P A C D L R V L S X L L R D S H V L H S R L S O C P E V H P L P T P V L L P A V D F S L G E
mML	1	S P V A P A C D P R L I N X K L L R D S H L L H S R L S O C P D V D P L S I P V L L P A V D F S L G E
hML	51	W K T D M E E T X A Q D I L G A V T L L E G V M A A R G O L G P T C L S S I L L G O L S G O V R L L
mML	51	W K T D T E O S K A Q D I L G A V S L L E G V M A A R G O L E P S C L S S I L L G O L S G O V R L L
hML	101	L G A L O S I L L G T O L P P O G R T T A H K D P N A I F L S F O H L L R O K V R F L M L V G G S T L
mML	101	L G A L O G I L L G T O G R T T A H K D P N A I F L S L O H L L R O K V R F L L L V E G P T L
hML	151	C V R R A P P T T A V P S A T S L V L T L N E L P H R T S G L L E T N F T A S A R T T G S G L L K W
mML	147	C V R R T L P T T A V P S S T S Q L I T L N K F P H R T S G L L E T N F S V T A R T A G P G L L S R
hML	201	O O G F R A K I . P G L L N O T S R S L D O I P G Y L N R I H E L L N G T R G L F P G P S R A T L G
mML	197	L O G F R V K I T P G O L N O T S R S P V O I S G Y L N R T H G P V N G T H G L F A G T S L O T L E
hML	250	A P D I S S G T S D T G S L P P N L O P G Y S P S P T H P P T C O Y T I L F P L P P T L P T . . . P V
mML	247	A S D I S P G A F N K G S L A F N L O G G L P P S P S L A P D G H - T P F P P S P A L P T T H G S P
hML	297	V O L H P L L P D P S A P T P T P T S P L L N T S Y T H S O N L S O E G
mML	296	P O L H P L F P D P S T T M P N S T A P H P V T M Y P H P R N L S O E T

Figure 11

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**B****C****Figure 12**